The Modified J-Loop posterior chamber lens from Cilco.

Cilco's SK20/21 lens is lathe cut from Perspex® CQ polymethylmethacrylate, the intraocular lens material providing a 30-year history of evaluation in the eye. All surfaces, even the tips of the Prolene™ loops, are polished to absolute smoothness by proprietary procedures. The scanning electron micrographs shown here demonstrate just how smooth the Cilco lens edge and loop tips are. Please contact your Cilco office for additional information or videotape on implantation.

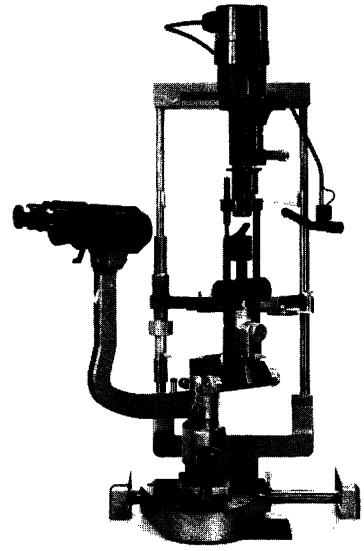
Scanning electron micrographs taken by Alan E. Pooley, Ph.D., Peabody Museum, Yale University.

CILCO®

U.K., Ireland and Scandinavia: CILCO, Inc., 3 Waterdene House, Water Lane, Leighton Buzzard, Bedfordshire LU77AW, England • Telephone: (0525) 381122; U.S.A.: CILCO, Inc. 1616 13th Avenue, Box 1680, Huntington, WV 25717 • Telephone: 304-697-4422, Australia • Canada • Europe, Middle East and Africa • Japan and Korea • Latin America • W. Germany.

HAAG-STREIT QUALITY..... .....ACCURACY HAAG-STREIT

BM900 Slit Lamp



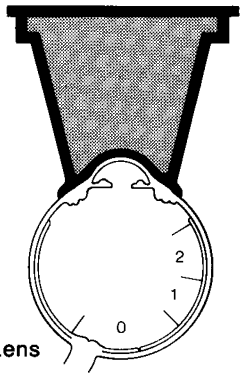
The Haag-Streit slit lamp system offers many original features including variable luminosity of the slit image, high precision slit adjustment, microscope with large field of stereoscopic view, single joystick control and a fixation light visible within a 90° cone. A standard tonometer and other accessories for the measurement of corneal thickness and anterior chamber depth are also available.

Laser photocoagulation lenses

Haag-Streit's photocoagulation lenses include perfect optical quality, durability and ease of sterilization.

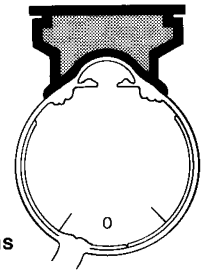
All-glass lens construction with anti-reflective coating insure against development of Newtonian rings. Absolutely plane mirrors guarantee accuracy and precision.

Two models are available; the Laser Fundus Lens 1110 for the posterior pole of the fundus and the Laser Two-Mirror Lens 1140 for the posterior pole and the periphery of the fundus with angles of 67° and 73°.



Laser
Two-Mirror Lens

1140



Laser
Fundus Lens

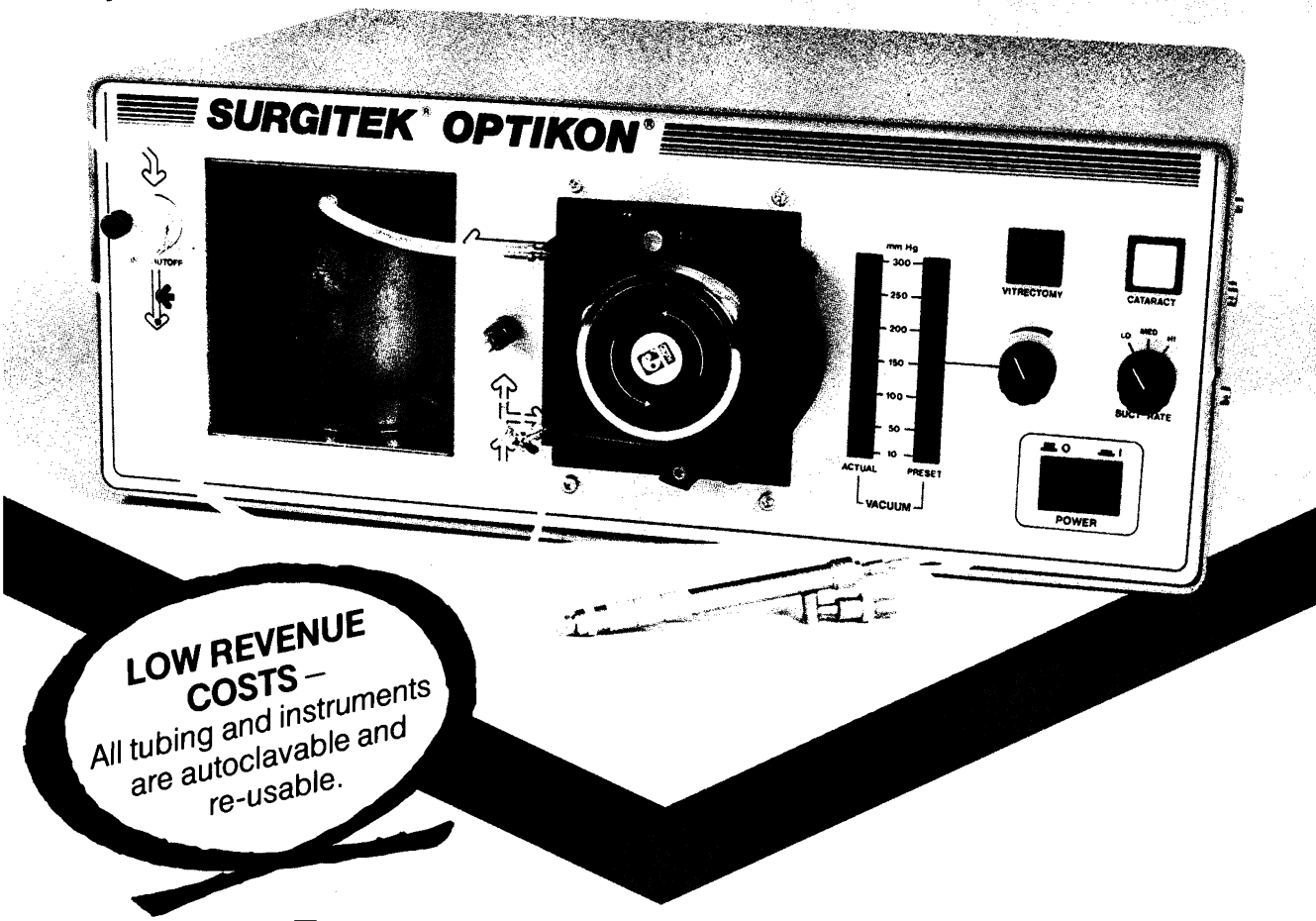
1110

Clement Clarke International Ltd.
15 Wigmore Street,
London W1H 9LA.
Telephone 01-580 8053 Telex 298626

SURGITEK® OPTIKON®

An ideal aspiration/irrigation unit for extracapsular procedures

The Surgitek unit has a unique flow control to maintain the anterior chamber depth during extracapsular procedures. A transducer constantly measures the suction level and the linear foot control allows the surgeon to increase the amount of suction gradually. A venting system automatically prevents increase of suction above the pre-set level. Infusion can be controlled by the footswitch and if necessary the operator can reverse the suction to avoid unwanted aspiration of tissue.



LOW REVENUE COSTS – All tubing and instruments are autoclavable and re-usable.

- ☐ Improved control of anterior chamber depth during extracapsular procedures.
- ☐ Linear footswitch to control the amount of suction gradually.
- ☐ Actual suction level continually controlled by a vacuum transducer.
- ☐ Smooth control of suction with any pre-set value from 0 to 300mmHG.
- ☐ Suction can be inverted (reflux).
- ☐ Simultaneous irrigation/aspiration, or irrigation only controlled by footswitch.

ALTOMED LTD
Park Road, Gateshead, Tyne & Wear NE8 3HL
Tel: Gateshead (0632) 781001

HAMBLIN

DISPENSING

London & Home Counties

LONDON, Central
106 Baker Street, W1M 1LA 01-935 5668
11b Hay Hill, Berkeley Square W1X 7LJ 01-493 0945
Draper House, 17 & 18 Elephant & Castle SE1 01-703 7121
Hamblin House, 1 Langham Place W1N 8HS 01-636 5100 & 5300
47 Notting Hill Gate W11 3JS 01-727 0250
1a Old Bond Street W1X 3TD 01-493 5778/9
19 Royal Exchange EC3V 3LP 01-626 5000
52 Sloane Square SW1X 8AX 01-730 7900
28 Lower Marsh, Waterloo SE1 7RG 01-928 5343 & 5760
7-9 Wigmore Street W1H 9LA 01-935 3615 & 4730
108 King Street, Hammersmith W6 0QP 01-741 3472
545B High Road, Tottenham N17 01-808 4855

BARKING, Essex
16 London Road 01-594 1919 & 3700

BASILDON, Essex
1-3 East Walk 0268 20340

BECKENHAM, Kent
64 High Street 01-650 0033

BOREHAM WOOD, Herts
181 Shenley Road 01-953 3120

BOURNEMOUTH, Dorset
107 Old Christchurch Road 0202 22801

BRISTOL, Avon
21a Queens Road 0272 23950

BROMLEY, Kent
1 Broadway Buildings, Elmfield Road 01-460 5511 & 4066

CATFORD, London SE6
125 Rushey Green 01-697 4717

CROYDON, Surrey
7 Essex House, George Street 01-688 0555

EAST HAM, London E6
114 High Street North 01-472 3720

EAST SHEEN, London SW14
210 Upper Richmond Road West 01-876 2462

EDGWARE, Middx
118 Station Road 01-952 3926

EXETER, Devon
5 South Street 0392 77698

GOLDERS GREEN, London NW11
55 Golders Green Road 01-455 8418 & 4694

GUILDFORD, Surrey
21 Swan Lane 0483 505488

HAMPSTEAD, London NW3
26 Heath Street 01-435 6658

HARLESDEN, London NW10
31 Craven Park Road 01-965 5455

HARROW, Middx
30 College Road 01-427 4113
250 Imperial Drive, Rayners Lane 01-868 8922

HATFIELD, Herts
7 The Arcade 070 72 62954

HEMEL HEMPSTEAD, Herts
59 High Street 0442 55723

HIGH WYCOMBE, Bucks
37 Crendon Street 0494 27732 & 29543

HOLLOWAY, London N7
6 Seven Sisters Road 01-607 2826

HORLEY, Surrey
16 High Street 029-34 2668

HOUNSLOW, Middx
116 High Street 01-570 9955 & 2138

IPSWICH, Suffolk
6 High Street 0473 56979 & 52607

KINGSTON-ON-THAMES, Surrey
King's Stone House, 14 High Street 01-546 5236 & 01-549 3700

LETCHWORTH, Herts
The Colonnade, Station Place 046-26 4687

MAIDENHEAD, Berks
4 Nicholson's Walk 0628 23088

MARLOW, Bucks
93 High Street 06284 3052

MORDEN, Surrey
35 London Road 01-648 3161

ORPINGTON, Kent
280 High Street 0689 20848

PUTNEY, London SW15
151 Upper Richmond Road 01-788 4437

REDHILL, Surrey
8 High Street 0737 65600

REIGATE, Surrey
25 Church Street 073 72 43577

RICHMOND, Surrey
7 Lichfield Terrace, Sheen Road 01-940 3515

RUISLIP, Middx
33 High Street 089 56 34234

RUSTINGTON, West Sussex
8 Churchill Parade, The Street 090 62 6330

SALISBURY, Wilts
1 High Street 0722 22005

SLOUGH, Berks
200 High Street 0753 21122 & 33873

STAINES
47 High Street, Middlesex 0784 53113

THORNTON HEATH, Surrey
87a High Street 01-684 1155

WANDSWORTH, London SW18
101 The Mall, Arndale Centre 01-874 2187

WELLING, Kent
35 Bellegrove Road 01-303 8908

WELWYN GARDEN CITY, Herts
36 Church Road 070 73 27130

WEMBLEY, Middx
6 Central Square 01-902 5051

WEST WICKHAM, Kent
115 Station Road 01-777 2211

WIMBLEDON, London SW19
15 The Broadway 01-946 5533

WINDSOR, Berks
44 Thames Street 075 35 65556

WORTHING, West Sussex
Revenue Buildings, Chapel Road 0903 201856
6 Wallace Parade, Goring Road 0903 49177

FOR SERVICE AND RELIABILITY

WIGMORES

OPTICIANS

North & Midlands

BURNLEY, Lancashire
24 Keirby Walk 0282 28490

BURY, Greater Manchester
15 Princess Parade 061-764 4495

CARLISLE, Cumbria
3 Devonshire Street 0228 25240

CHESTERFIELD, Derbyshire
2 Corporation Street 0246 32768

KINGS LYNN, Norfolk
25 New Conduit Street 0553 2210

LANCASTER
8 King Street 0524 32938

LEEDS, WEST YORKSHIRE
151 The Headrow 0532 454304 & 0532 457050

LEICESTER
8 Granby Street 0533 20058

MACCLESFIELD, Cheshire
24 Castle Street 0625 24035

MANCHESTER
4 King Street 061-834 6813

MIDDLESBROUGH, Cleveland
38 Dundas Street 0642 246144

NEWCASTLE-UPON-TYNE, Tyne & Wear
9 St. Mary's Place 0632 323406

SCARBOROUGH, North Yorkshire
46 Huntriss Row 0723 62008

SHEFFIELD, South Yorkshire
100 The Moor 0742 22693

SHIRLEY
170 Stratford Road, Solihull 021 744 2392

SPALDING, Lincolnshire
16 Bridge Street 0775 3479

SUNDERLAND
94 High Street West, Tyne & Wear 0783 674315

WHITEHAVEN, Cumbria
28 King Street, Cumbria 0946 3648

WIGAN, Greater Manchester
6 King Street 0942 43158

WILMSLOW, Cheshire
55 Alderley Road 0625 525858

Scotland

ABERDEEN, Grampian
472/474 Union Street 0224 22724

AIRDRIE, Strathclyde
1 Buchanan Street 023 64 52800

ARBROATH, Tayside
215 High Street 0241 73782

BERWICK UPON TWEED, Northumberland
7 Castlegate 0289-307 275

DUMFRIES
94/96 Friars Vennel 0387 52219

DUNDEE, Tayside
92 Nethergate 0382 26987

DUNFERMLINE, Fife
12/14 Maygate 0383 722480

EDINBURGH
13 Queensferry Street 031-225 6722 & 2117

GALASHIELS, Borders
51 Banks Street 0896 2728

GLASGOW, Strathclyde
133 Wellington Street 041-248 5402

GLENROTHES, Fife
6 Lyon Way, Kingdom Centre 0592 758091

HAMILTON, Strathclyde
33 Regent Way 0698 281704

HAWICK, Borders
25 High Street 0450 72333

INVERNESS, Highland
21/23 Union Street 0463 239658

KIRKCALDY, Fife
83 High Street 0592 261078

LIVINGSTON, West Lothian
65 Almondvale Centre 0506 32557

MUSSELBURGH, Lothian
47 Bridge Street 031-665 3377

PERTH, Tayside
143 South Street 0738 21338

ST. ANDREWS, Fife
7 Bell Street 0334 72437

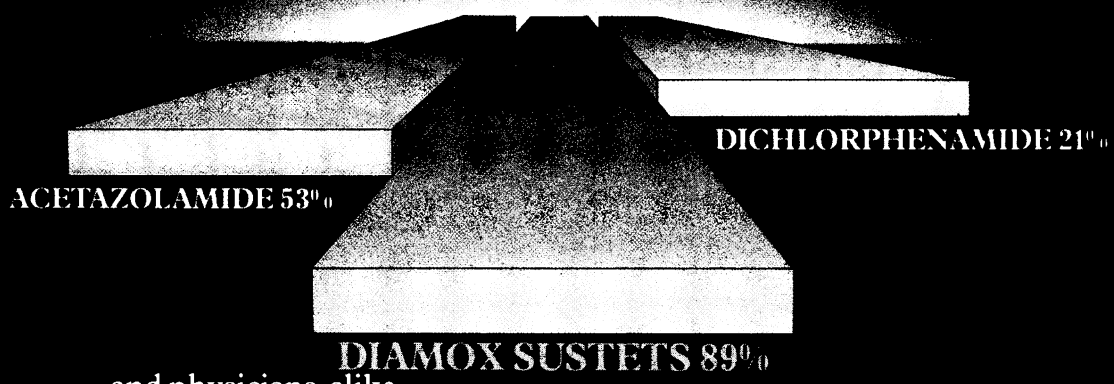
STIRLING, Central
54/56 Barnton Street 0786 2864

1323 COVENTRY ROAD
YARDLEY
BIRMINGHAM B25 8LP
Telephone: 021-706 6133 (20 lines)
Telex: 339435

"MOST READILY ACCEPTED[1]"

Diamox Sustets – sustained release acetazolamide has a far longer duration of effect in glaucoma than any other treatment. Diamox Sustets provides smooth and predictable control of intra-ocular pressure – with significant reduction in the adverse effects associated with systemic therapies for this condition.[1]

Diamox Sustets, with a simple b.d. dosage is well accepted by patients...



...and physicians, alike.

Eighty-nine percent of the patients tolerated acetazolamide sustained release capsules.[1]

"Acetazolamide sustained release [Diamox Sustets] therapy seems the regimen most readily accepted, involving least amount of subjective intolerance and a prolonged effect most desirable for round-the-clock control".[1]

Diamox Sustets

acetazolamide

THE SYSTEMIC TREATMENT FOR GLAUCOMA

INDICATIONS Glaucoma. **DOSAGE Adults:** One capsule at night and in the morning. **Contra-indications:** Idiopathic renal hyperchloraemic acidosis. Addison's disease or all types of suprarenal gland failure. Long-term administration in patients with chronic congestive angle-closure glaucoma. **Precautions:** The patient should be cautioned to report any unusual skin rash. Periodic blood cell counts are recommended. The transitory loss of hearing calls for immediate cessation of medication. **Side-effects:** Drowsiness, paraesthesia of extremities and face may occur. Diamox is a sulphonamide derivative and therefore some side-effects similar to those caused by sulphonamides have occasionally been reported. **Drug interactions:** Possible potentiation of the effects of folic acid antagonists, hypoglycaemics and oral anticoagulants may occur. **Package quantities:** Transparent orange capsules each containing 500mg. of acetazolamide and printed 'Lederle 4309' in bottles of 30, 100 and 500. **Basic N.H.S.** cost: £27.53 per 100. PL 0095/5074.

*Trademark. **References:** 1. Garner, L.L. et al, Amer. J. Ophthalmol, 1963, 55, (2), 323-327. 2. Lichter, P.R. et al, Amer. J. Ophthalmol, 1978, 85, (4), 495-502.

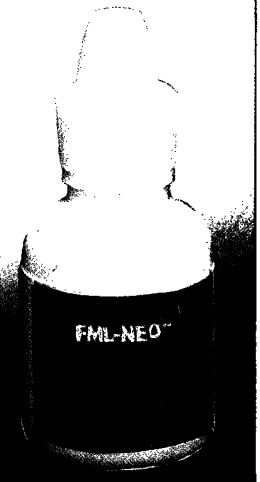
Lederle

Lederle Laboratories. A division of Cyanamid of Great Britain Limited. Fareham Road, Gosport, Hampshire PO13 0AS. Tel. no. (0329) 236131.

NEW PRODUCT

A SIGNIFICANT DROP

for inflammation and infection



FML-Neo

fluorometholone and neomycin

The proven efficacy of a potent ocular steroid, with a substantially reduced tendency to elevate intraocular pressure combined with a broad spectrum antibiotic.

ALLERGAN

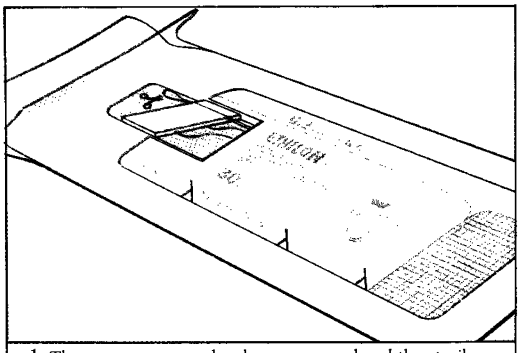
Allergan Limited Turnpike Road
Cressex Industrial Estate
High Wycombe Bucks HP12 3NR

Presentation Sterile, white, microfine ophthalmic suspension containing fluorometholone, NF 0.1% and neomycin sulphate, BP 0.5% (equivalent to 0.35% neomycin base) **Uses** FML Neo is indicated for the management of steroid responsive inflammation of the palpebral or bulbar conjunctiva, cornea and anterior segment of the globe, when threatened or complicated by infection with neomycin sensitive organisms. **Dosage and Administration** One to two drops in the conjunctival sac two to four times daily. During the initial 24 to 48 hours, the dosage may be safely increased to one drop every hour. Care should be taken not to discontinue treatment prematurely. Shake well before using. **Contra-indications, Warnings, etc.** Acute untreated purulent ocular infections. Acute superficial herpes simplex (dendritic keratitis), vaccinia, varicella and most other viral diseases of the conjunctiva and cornea. Ocular tuberculosis, fungal diseases of the eye and hypersensitivity to any of the components of the drug. **Warnings** In diseases due to micro organisms resistant to neomycin, infection may be masked, enhanced or activated by the steroid. Prolonged use may result in overgrowth of nonsusceptible organisms. Articles in current medical literature indicate an increase in the prevalence of persons sensitive to neomycin. The possibility of such a reaction should be borne in mind. If sensitivity or other untoward reactions occur, discontinue the medication. As fungal infections of the cornea have been reported coincidentally with long term steroid applications, fungal invasion may be suspected in any persistent corneal ulceration where a steroid has been used, or is in use, over a prolonged period of time. In those diseases causing thinning of the cornea, perforation has been known to have occurred with the use of topical steroids. Acute purulent untreated infections of the eye may be masked, enhanced or activated by the presence of steroid medication. Secondary ocular infection may occur from pathogens liberated from ocular tissues. Use of steroid medication in the presence of stromal herpes simplex requires great caution; frequent slit lamp microscopy is required. Reports in the literature indicate that posterior subcapsular lenticular opacities have occurred after heavy or protracted use of topical ophthalmic corticosteroids. Eye drops containing corticosteroids should not be used for more than one week except under strict ophthalmic supervision with regular determination of intraocular pressure. This preparation contains benzalkonium chloride and should be used with caution in association with hydrophillic contact lenses. **Precautions** Patients with histories of herpes simplex keratitis should be treated with caution. Use of topical steroids may increase intraocular pressure. Safety of intensive or protracted use of topical steroids during pregnancy has not been substantiated. Local side effects of steroid therapy, i.e. skin atrophy, striae and telangiectasia, are especially likely to affect facial skin. **Pharmaceutical Precautions** Shake well before using. Do not freeze. **Legal Category** POM **Package Quantities** Available in 5ml plastic dropper bottles. Basic NHS Cost (as at August 1983) £1.90 PL 0426/0043 Full prescribing information is available on request

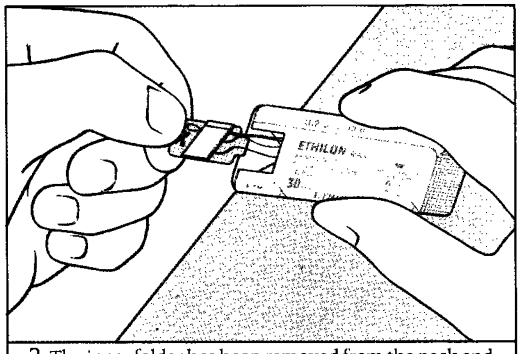
FMNE2

Stays sharper, longer.

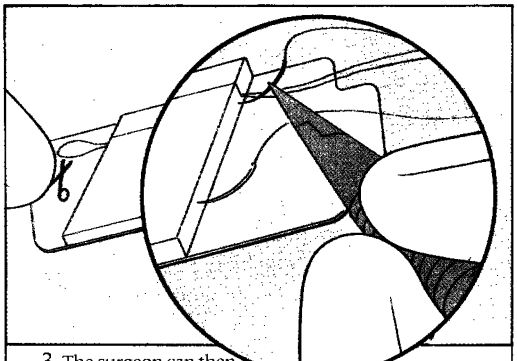
The new MICRO·POINT X spatula needle



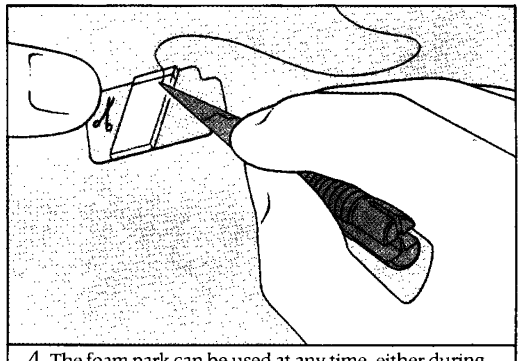
1. The outer overwrap has been removed and the sterile inner pack is placed on the trolley ready to be dispensed.



2. The inner folder has been removed from the pack and the needle foam park is being moved towards the operating field. No unwinding or handling of the delicate needle or suture is necessary.



3. The surgeon can then take the needle from its protective foam park, cutting the suture either at the mid-point as indicated by the loop or at any position along its length.



4. The foam park can be used at any time, either during the procedure to keep the needle safe within the operating field until required, or at the end for needle count and safe disposal.

In the exacting field of anterior segment surgery, higher and higher standards are being demanded.

A prime objective for Ethicon has been to improve the penetration of the eyeless needle to new levels, using advanced manufacturing techniques.

Now the new MICRO-POINT X Spatula Needle brings you that new standard– plus the ability to retain penetration, not just for the first few passes, but right through until the suture has been placed and the incision closed.

Complementing this new needle will be a 'tangle-free' method of dispensing the suture without the need to unwind. An easily-handled needle foam park enables the suture to be brought within the field of the operating microscope. It also provides a means of holding a partially used needle where the surgeon wants it, protected from damage but immediately ready for picking up with the needle holder.

MICRO·POINT X
spatula needle

ETHICON

ETHICON Ltd., P.O. Box 408, Bankhead Avenue, Edinburgh EH11 4HE, Scotland.

Chloromycetin*

chloramphenicol Ph Eur

ensures effective control of bacterial infections of the eye

Specify

Chloromycetin

the quality an eye deserves

PRODUCT INFORMATION FROM PARKE-DAVIS RESEARCH LABORATORIES

Prescribing Information

Composition: (i) Chloromycetin Redidrops* (Ophthalmic) 0.5% (Chloramphenicol Eye Drops B.P.) Chloramphenicol Ph. Eur. 5 mg Boric Acid Ph. Eur. 15 mg Borax Ph. Eur. 3 mg Phenylmercuric Acetate B.P.C. 1973 0.02 mg Purified Water Ph. Eur. qs to 1 ml (ii) Chloromycetin Ophthalmic Ointment (Chloramphenicol Eye Ointment B.P.) Contains 1% chloramphenicol Ph Eur in a petrolatum base. **Indications:** Treatment of bacterial conjunctivitis caused by the organisms Escherichia coli, Haemophilus influenzae, Staphylococcus aureus, Streptococcus haemolyticus, Morax-Axenfeld and others. **Dosage:** The recommended dosage for adults, children and infants of all age groups is two drops or a small amount of ointment, to be applied to the affected eye every 3 hours or more frequently if required; treatment should be continued for at least 48 hours after the eye appears normal. **Contra-indications, warnings etc:** Chloromycetin Ophthalmic Preparations should not be administered to patients hypersensitive to chloramphenicol. In severe infections the topical use of chloramphenicol should be supplemented by appropriate systemic treatment. The prolonged use of antibiotics may occasionally result in overgrowth of non-susceptible organisms including fungi. If any new infection appears during treatment the antibiotic should be discontinued and appropriate measures taken. Chloramphenicol should be reserved for use only in infections for which it is specifically indicated. Aplastic anaemia has been reported following topical use of chloramphenicol. Whilst the hazard is a rare one, it should be borne in mind when assessing the benefits expected from the use of this compound. **Product licence holder:** Parke, Davis and Company, Mitchell House, Southampton Road, Eastleigh, Hampshire SO5 5RY. **Product licence nos:** Chloromycetin Redidrops 0018/0065 Chloromycetin Ophthalmic Ointment 1% 0018/5074. **Basic NHS Cost:** Redidrops 5ml £1.05, 10ml £1.12; Ointment 4g tube £0.61. Further information is available from: Parke-Davis Medical, Parke-Davis Research Laboratories, Mitchell House, Southampton Road, Eastleigh, Hampshire SO5 5RY. Telephone (0703) 619791.

Parke-Davis Medical

PARKE-DAVIS RESEARCH LABORATORIES

*Trade mark P146-UK-Oct 83

In the treatment of glaucoma

Ganda has been shown to enhance the outflow facility as well as reducing secretion .*

Ganda®

Guanethidine monosulfate Ph. Eur. and Adrenaline BP

a non-miotic therapy for glaucoma, currently available in four strengths:–
Ganda 1+0.2% Ganda 3+0.5% Ganda 5+0.5% Ganda 5+1%

*Reference Hoyng Ph.F.S. & Dake C.L. in
'Pharmacological Denervation and Glaucoma' published
by Dr. W. Junk bv, The Hague (1981) pp 105-112

DOSAGE AND ADMINISTRATION Adults: One drop to be instilled into the eye once or twice daily or at the discretion of the physician. Children: At the discretion of the physician.

CONTRA-INDICATIONS, WARNINGS ETC. Ganda should not be used in the case of a narrow angle between the iris and cornea as pupillary dilation may precipitate angle closure. Occasionally orbital discomfort or red eye (hyperaemia) may occur. Other side effects, such as local irritation and headaches are rare. When used in conjunction with miotics, Ganda should follow the miotic after an interval of 5-10 minutes. Ganda should not be used if the solution has become dark amber. The contents of the bottle should be discarded one month after the pouch has been opened. Ganda is fully potent for two years providing the pouch remains unopened.

Product Licence Numbers: 0033 0069 70 71 75

Full prescribing information is available on request.

S&N SMITH & NEPHEW Pharmaceuticals Ltd

Bampton Road, Romford, RM3 8SL

NEW PRODUCT

When real tears don't come easily.

Lacri-Lube ophthalmic ointment is indicated for the lubrication and protection of the dry eye where regular instillation of aqueous drops is not possible, such as during sleep.

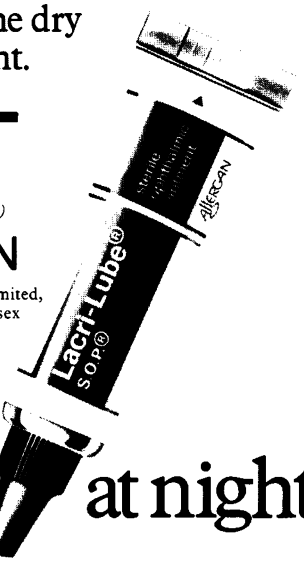
Petroleum-base ointments are retained in the eye longer than aqueous solutions[1] thus Lacri-Lube offers comfort and convenience at night for the dry eyed patient.

Lacri-Lube®

(petrolatum mineral oil)

ALLERGAN

Allergan Limited,
Turnpike Road, Cressex
Industrial Estate,
High Wycombe,
Bucks HP12 3NR.



The next best thing at night

Presentation: Sterile, bland, non-medicated ointment for topical administration to humans, containing white petrolatum mineral oil, non-ionic lanolin derivatives with chlorobutanol 0.5% as a preservative. *Uses:* Useful as adjunctive therapy to lubricate and protect the eye in conditions characterised by exposive keratitis, decreased corneal sensitivity, recurrent corneal erosions, and keratitis sicca. *Dosage and Administration:* For topical administration. Pull lower lid down to form pocket. Apply small amount as needed. *Contra-indications, etc:* No known contra-indications. *Pharmaceutical precautions:* Store away from heat. To avoid contamination during use, do not touch tip to any surface. *Legal Category:* P. *Package Quantities:* Available in 3.5g ophthalmic tubes. Basic NHS cost (as at November 1982) £1.76. PL0426/0041. Further information is available on request. *References:* 1. Cross D.A., Krupin T., Anaesthesia & Analgesia...Current Researches (1977) **56,1**; 35-37.

The Lacrimal Gland – the best source of ocular lubrication

Electron micrograph of lacrimal gland × 9.000
Kindly supplied by Prof. G. L. Ruskell. The Division of Ocular Anatomy The City University London

Sno® TEARS – a suitable replacement

POLYVINYL ALCOHOL 1.4% w/v

Sno TEARS is specially formulated with polyvinyl alcohol to bring comfort to dry eye sufferers.

SMITH & NEPHEW
Pharmaceuticals Ltd
Bampton Road, Harold Hill, Romford, Essex, RM3 8SL

Sno® TEARS

PRESENTATION Sno tears is a clear, colourless slightly viscous solution in a plastic dropper bottle. It contains polyvinyl alcohol 1.4% w/v together with benzalkonium chloride 0.004% w/v and disodium edetate 0.02% w/v as an antibacterial system.

USES As an artificial tear and lubricant in cases of tear deficiency.

DOSAGE AND ADMINISTRATION One or more drops as required.

CONTRA-INDICATIONS, WARNINGS etc Sno tears should not be used in patients fitted with soft contact lenses.

PHARMACEUTICAL PRECAUTIONS Sno tears should not be diluted or dispensed from any container other than the original bottle and should be stored in a cool place.
Sno tears is fully potent for three years unopened, but as with other eye drops, it should be discarded one month after opening.

LEGAL CATEGORY P

PRICE Basic NHS cost 82p for 10 ml. bottle.

PRODUCT LICENCE NUMBER: 0033/0097
Date of Preparation November 1982

A major research development
from Pharmacia Ophthalmics.

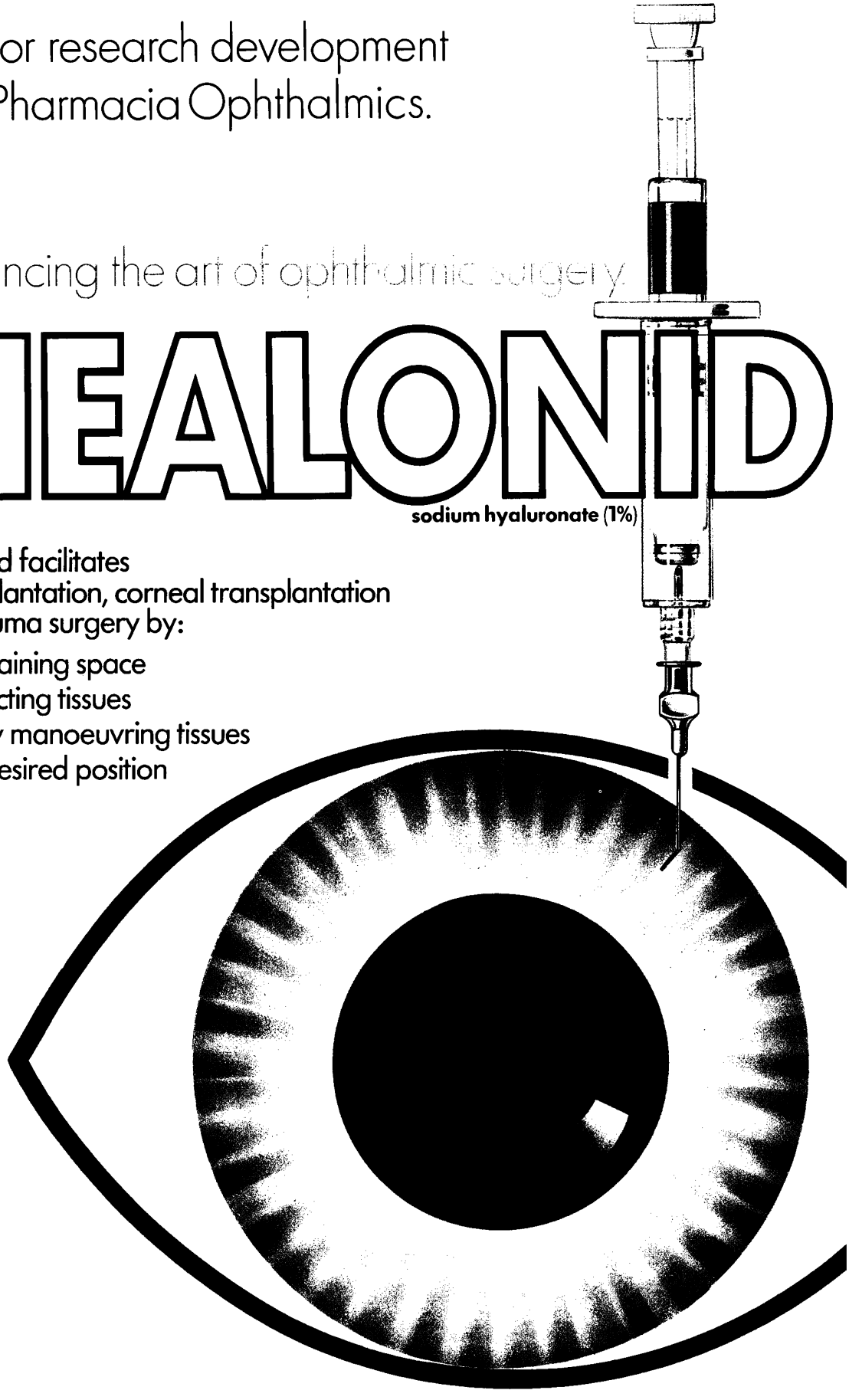
Advancing the art of ophthalmic surgery.

HEALONID

sodium hyaluronate (1%)

Healonid facilitates
IOL implantation, corneal transplantation
and trauma surgery by:

* maintaining space
* protecting tissues
* gently manoeuvring tissues
  into desired position



HEALONID®

Healonid is a pure high molecular weight fraction of sodium hyaluronate, with visco-elastic properties that make it a unique and valuable aid to many ophthalmic surgical procedures. Injected into an open anterior chamber, it restores and maintains chamber depth to ease surgical manipulation and provides mechanical protection to delicate cells and tissues. Healonid causes no intraocular inflammation and has been described as offering the ophthalmic surgeon "...advantages and safety margins not available with any other known technique." Pape & Balazs (1980) Ophthalmology, 87, 7, 699.

PRESCRIBING INFORMATION

PRESENTATION
Disposable 0.4 ml syringes containing 1% sodium hyaluronate in aqueous buffer.

USES
Sodium hyaluronate is a visco-elastic polymer normally found in the aqueous and vitreous humour. HEALONID, which contains sodium hyaluronate is a highly viscous clear solution at rest, yet it will readily flow through a fine cannula or needle under pressure. Introduction of HEALONID into the anterior or posterior chamber keeps tissues separated during the operative procedure and protects them from trauma from other tissues or instruments. The anterior chamber depth is maintained, vitreous bulge can be reduced, and the loss of irreplaceable endothelial cells which inevitably accompanies surgery can be greatly reduced.

INDICATIONS
Surgical procedures on the eye, including intraocular lens insertion, intra and extra capsular lens extraction, glaucoma surgery, corneal graft, surgery for accidental trauma, retinal detachment and vitreal replacement procedures.

DOSAGE AND ADMINISTRATION
The syringe is assembled and made ready for use according to the instruction sheet with each syringe.
The indication for use will govern the timing and quantity of HEALONID used. See Data Sheet or HEALONID monograph.

PRECAUTIONS
The anterior chamber should not be over-filled with HEALONID, except in glaucoma surgery. At close of surgery some of the HEALONID should be removed by irrigation or aspiration. Intraocular pressure should be monitored during the post operative period and any excessive rises treated with appropriate therapy.

CONTRA-INDICATIONS, WARNINGS
There are no known contra-indications to HEALONID. Because the drug is extracted from avian tissues, despite rigorous purification procedures minute amounts of protein are present, and thus the remote possibility of idiosyncratic reactions remains.

ADVERSE REACTIONS
The drug is very well tolerated and the only untoward effect reported has been a transient rise in intraocular pressure in a few cases.

PHARMACEUTICAL PRECAUTIONS
Store at 2–8°C protected from light and freezing. Shelf life 3 years.

LEGAL CATEGORY POM.

PACKAGING QUANTITIES AND BASIC NHS PRICE (May 1983)
Disposable syringes containing 0.4 ml. £26.76 each.

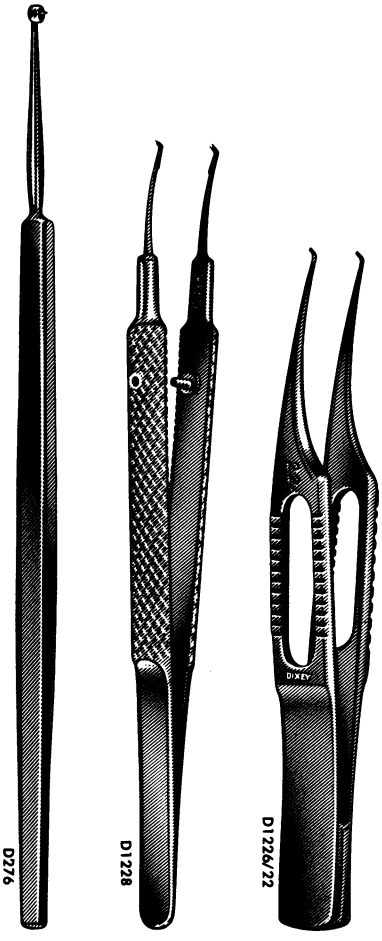
FURTHER INFORMATION
HEALONID does not interfere with the healing process. Its use may reduce incidence of synechiae and adhesions. Evidence from animal experiments indicates that HEALONID is no longer present in the anterior chamber six days after introduction.

PRODUCT LICENCE NUMBER 0009/0045.

Pharmacia Ophthalmics

Healonid (regd) sodium hyaluronate (1%) is a product of Pharmacia (Great Britain) Limited, Pharmacia House, Midsummer Boulevard, Milton Keynes, MK9 3HP. Telephone (0908) 661101. Further information is available on request to the company.

DIXEY



D276 Govan's Depressor/Marker, Scleral
D1228 Birks Micro 'Colibri' Forceps
D1226/22 Beaked (Colibri) Micro Forceps:

DIXEY INSTRUMENTS LIMITED
Ophthalmic Instruments & Apparatus
19 Wigmore Street
London W1A 4DU England
Telephone: 01-580 1713 Telex: 268312

A SIGHT FOR SORE EYES

FML
fluorometholone

The effective ocular steroid with considerably less risk of increasing intraocular pressure[1] when compared with other steroids[2,3,4,5].

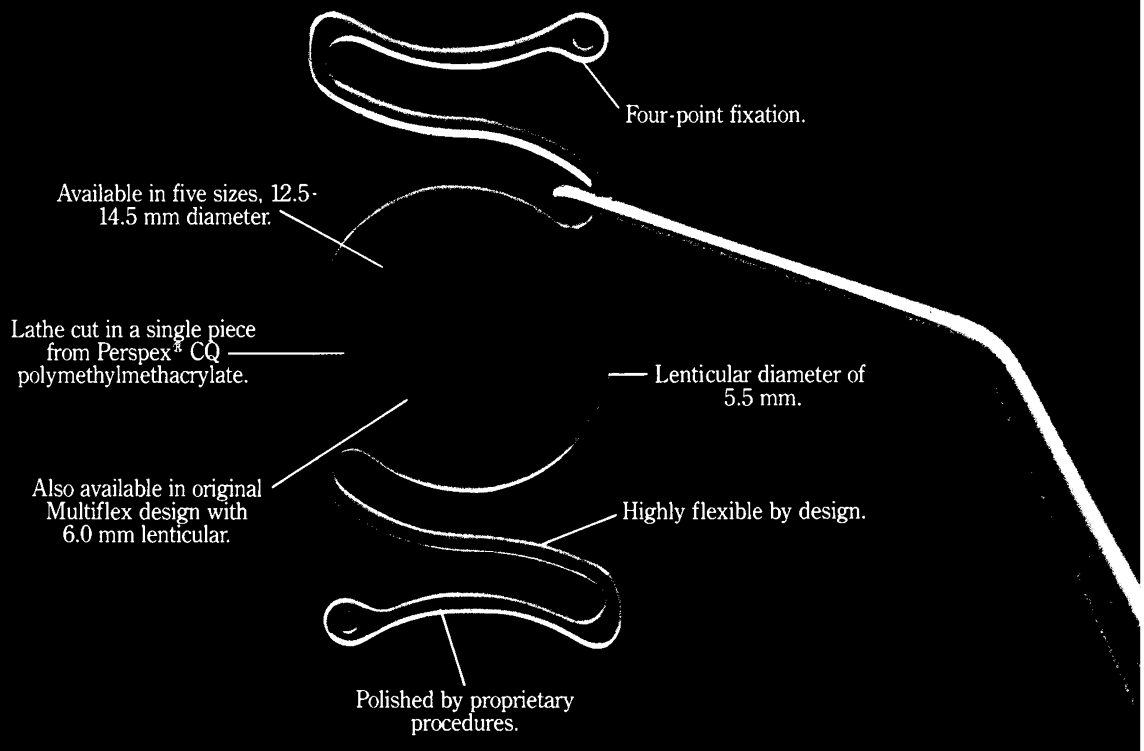
ALLERGAN

Allergan Limited Turnpike Road
Cressex Industrial Estate High Wycombe
Bucks HP12 3NR

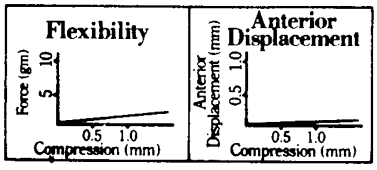
Presentation White microfine sterile ophthalmic suspension containing fluorometholone (0.1%) **Uses** Topical ophthalmic suspension for steroid responsive inflammation of the palpebral and bulbar conjunctiva, cornea and anterior segment of the globe. **Dosage and administration** 1 to 2 drops instilled into the conjunctival sac two to four times daily. During the initial 24 to 48 hours the dosage may be safely increased to 2 drops every hour. Care should be taken not to discontinue therapy prematurely. **Contra-indications, warnings, etc. Contra-indications:** Acute superficial Herpes simplex keratitis. Fungal diseases of ocular structures. Vaccinia, varicella and most other viral diseases of the cornea and conjunctiva. Tuberculosis of the eye. Hypersensitivity to the constituents of this medication. **Warnings:** Steroid medication in the treatment of Herpes simplex keratitis (involving the stroma) requires great caution: frequent slit lamp microscopy is mandatory. Prolonged use may result in glaucoma, damage to the optic nerve, defects in visual acuity and fields of vision, posterior subcapsular cataract formation, or may aid in the establishment of secondary ocular infections from fungi or viruses liberated from ocular tissue. In those diseases causing thinning of the cornea or sclera, perforation has been known to occur with use of topical steroids. Safety and effectiveness have not been demonstrated in children of the age group two years or below. This preparation contains benzalkonium chloride and should be used with caution in association with hydrophilic contact lenses. **Use in pregnancy:** Safety of the use of topical steroids during pregnancy has not been established. **Precautions:** As fungal infections of the cornea are particularly prone to develop coincidentally with long-term local steroid applications, fungus invasion must be suspected in any persistent corneal ulceration where a steroid has been used or is in use. Intra ocular pressure should be checked frequently. **Adverse reactions:** Glaucoma with optic nerve damage, visual acuity or field defects, posterior subcapsular cataract formation, secondary ocular infection from pathogens liberated from ocular tissues, perforation of the globe. Local side-effects of steroid therapy, i.e. skin atrophy, striae and telangiectasia, are especially likely to affect facial skin. **Pharmaceutical precautions** Protect from freezing. **Legal category** POM. **Package quantities.** Supplied in plastic dropper bottles of 5 ml and 10 ml. Basic NHS cost (as at August 1992) 5 ml – £1.62, 10ml – £2.57. PL 0428/0028. Full prescribing information is available on request. **References** 1. Castroviejo, R., Proceedings of 79th Ann. Meeting Am. Acad. Ophthalmol Otolaryngol (1974) October 2. Fairbairn, W.D., Thorson, J.C., Arch. Ophthal (1971) **86**, 138-141. 3. Kitazawa, Y., Am. J. Ophthalmol (1976) **82**, 3, 492-495. 4. Stewart, R.H., Kimbrough, R.L., Arch. Ophthalmol (1979) **97**, 2139-2140. 5. Mindel, J.S., et al., Arch. Ophthalmol (1980) **98**, 1577-1578.

FM4

The Kelman™ Multiflex™* II anterior chamber lens from Cilco.



*U.S. Patent no. 4,174,543

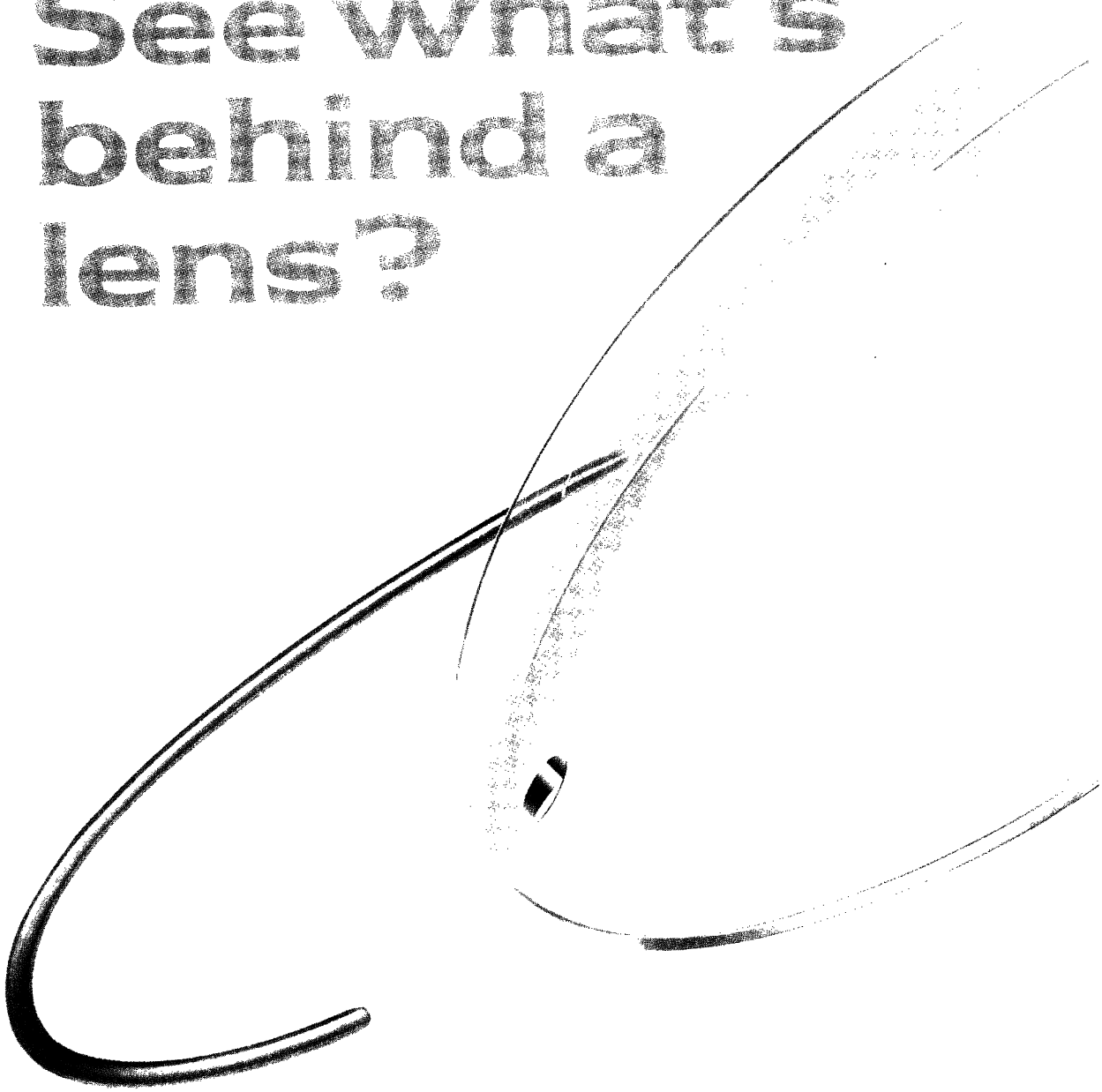


Highly flexible, the Kelman™ Multiflex™* II anterior chamber lens helps facilitate insertion and minimize postoperative tenderness. Yet the patented design means minimal anterior displacement of the lens optic, optic, as demonstrated by these graphs. Please contact your Cilco office for additional information, surgical protocol or videotape on implantation with Charles D. Kelman, M.D.

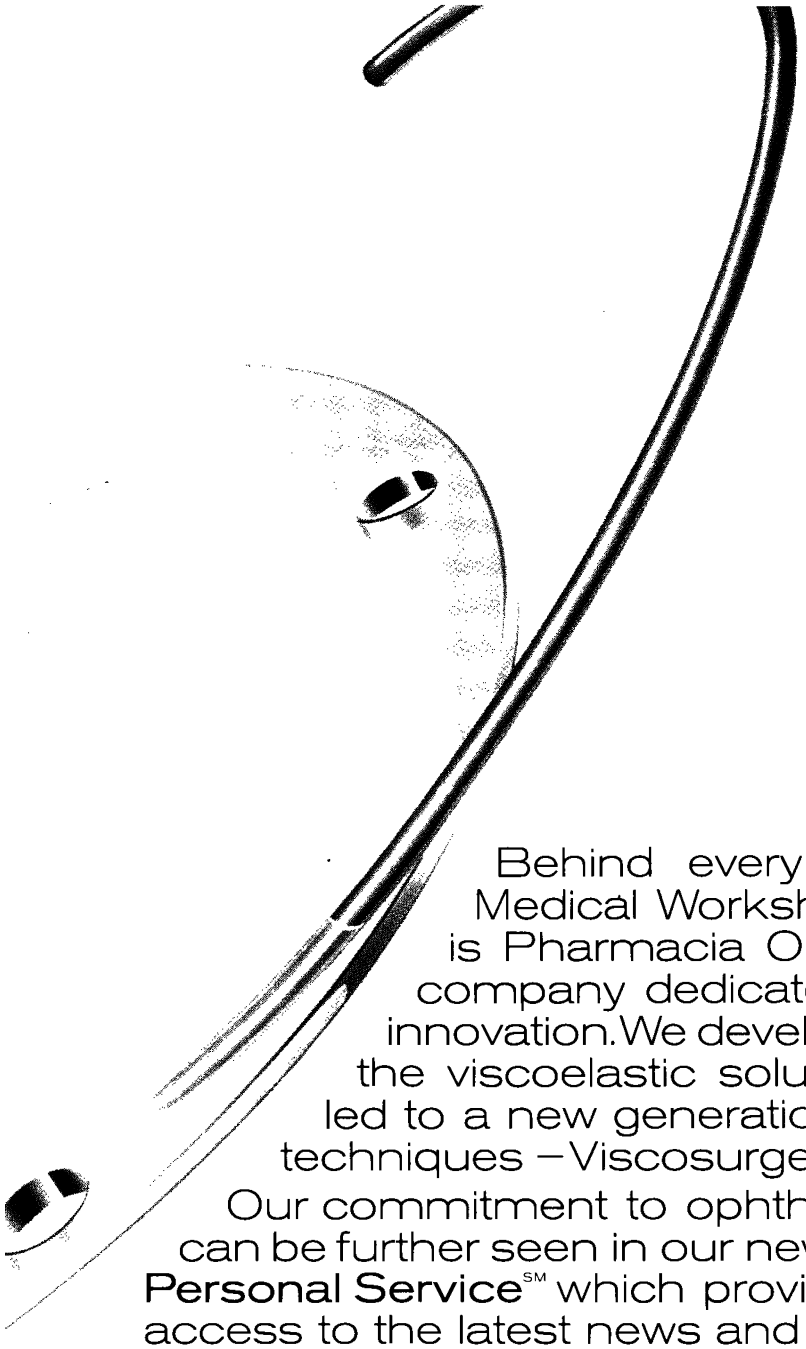
CILCO

U.K., Ireland and Scandinavia: CILCO, Inc., 3 Waterdene House, Water Lane, Leighton Buzzard, Bedfordshire LU77AW, England • Telephone: (0525) 381122; U.S.A.: CILCO, Inc., 1616 13th Avenue, Box 1680, Huntington, WV 25717 • Telephone: 304-697-4422; Australia • Canada • Europe, Middle East and Africa • Japan and Korea • Latin America • W. Germany.

See what's behind a lens?



USA: Tel. 800-526 3619 UK: Tel. 44-908 66 11 01 AUSTRALIA: Tel: 61-2-888-3622 BRAZIL: Tel. 55-21-322 0001
SCANDINAVIA: Tel. 46-18-16 30 00 AUSTRIA: Tel. 43-222-67 05 07 BELGIUM: Tel. 32-2-736 9990
SWITZERLAND: Tel. 41-1-821 1816 PHARMACIA INTERNATIONAL: Tel. 46-18-16 30 00 CANADA: Tel. 1-514 684 8881



Behind every high quality Medical Workshop lens is Pharmacia Ophthalmics, a company dedicated to innovation. We developed Healon®, the viscoelastic solution that has led to a new generation of surgical techniques – Viscosurgery.™

Our commitment to ophthalmology can be further seen in our new **Pharmacia Personal Service**℠ which provides rapid access to the latest news and views on eye surgery and on Viscosurgery in particular.

With videos, books, papers and reports at your immediate disposal, the service not only gives you more information more quickly, it also invites you to try out new products; even to participate in research.

If you want to see who's behind innovation, you're looking in the right direction.

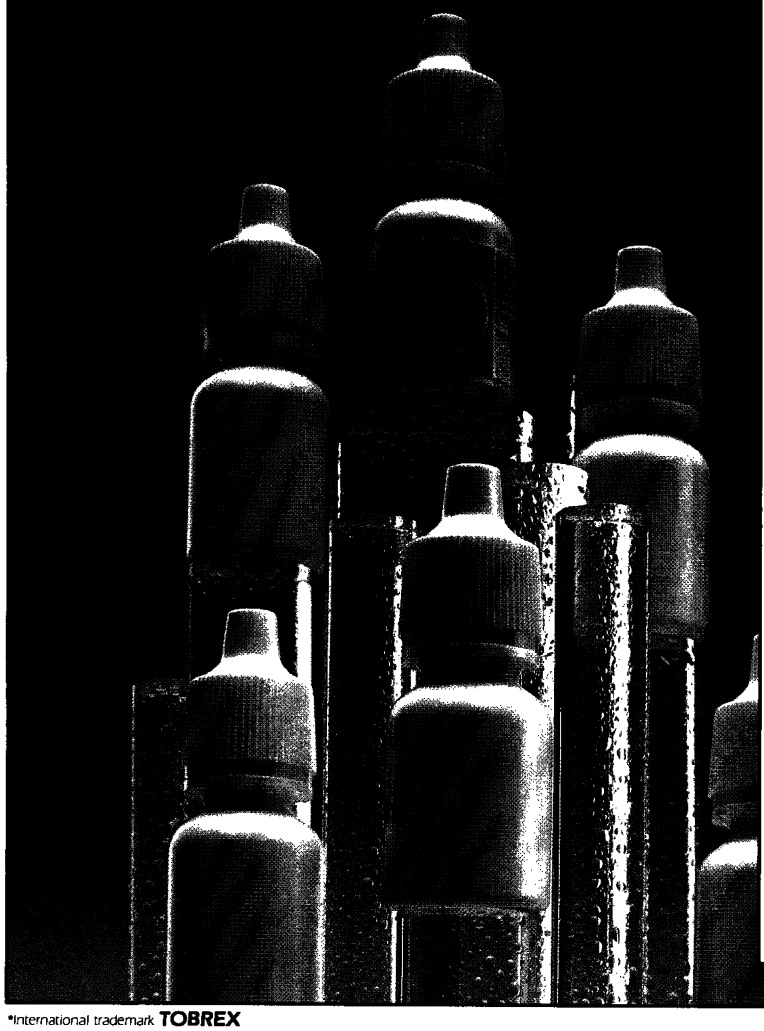
THE NETHERLANDS: Tel. 31-3480-16464 JAPAN: Tel. 81-3-406 4995
WEST GERMANY: Tel. 49-761-490 30 FRANCE: Tel. 33-3-043 99 19
Healon® is a registered trade mark of Pharmacia AB, and Pharmacia Inc.
Healonid® in some countries.

Pharmacia Ophthalmics

Tobralex® *

Tobramycin 0.3%

Ophthalmic Solution



Your Logical Choice for Ocular Infections

More ocular pathogens are sensitive to Tobralex... than to other ophthalmic antibiotics.

- ☐ **95% effectiveness in a wide range of external ocular infections[1, 2]**
- ☐ **bactericidal action with low potential for developing bacterial resistance**
- ☐ **well tolerated and highly comfortable for patients[3]**
- ☐ **few adverse reactions (less than 3%)[4]**

Alcon

Alcon Laboratories (U.K.) Ltd.,
Imperial Way,
Watford,
Herts.

*International trademark **TOBREX**

Presentation: A sterile, colourless to very pale yellow ophthalmic solution containing Tobramycin BP 0.3% w/v, preserved with 0.01% Benzalkonium Chloride BP, packed in 5 ml Drop-Tainers. **Uses:** Tobramycin is an aminoglycoside antibiotic active against a wide variety of Gram-negative and Gram-positive ophthalmic pathogens. Tobralex (tobramycin) Sterile Ophthalmic Solution is a bactericidal topical antibiotic indicated in the treatment of external bacterial conditions of the eye and its appendages. The spectrum of activity covers a wide range of Gram-positive organisms and many Gram-negative organisms. A significant bacterial population resistant to tobramycin has not yet been reported. However, there is the possibility that bacterial resistance may develop following prolonged use. **Dosage and Administration:** Adults and children: In mild to moderate cases, instill one or two drops into the affected eye every four hours. For severe infections, instill two drops into the eye hourly until there is an improvement and then reduce treatment, prior to discontinuation. **Contra-indications, warnings, etc. Contra-indications:** Persons with known sensitivity to tobramycin or gentamicin. **Warnings:** Sensitivity may occur in some patients. If so, discontinue use. Transient irritation may occur with some susceptible patients. Tobralex ophthalmic solution is not for injection. **Precautions:** As with other antibiotics, prolonged use may result in the overgrowth of non-susceptible organisms, including fungi. If super-infection occurs, appropriate therapy should be initiated. **Pharmaceutical Precautions:** Store at 8°C to 25°C. Do not freeze. Keep the container tightly closed and out of the reach of children. Discard contents one month after opening. Sterile until opened. **Legal Category:** POM **Package quantity:** 5 ml in Drop-Tainer dispensers. **Further Information:** Tobralex eye drops are contained in an unbreakable semi-rigid plastic dropper bottle with screw-on cap containing 5 ml of the preparation. **Product License No.:** 0649/0044 **Product License Holder: Alcon Laboratories (U.K.) Ltd.,** Imperial Way, Watford, Herts.

References: 1. Cagle, G.D. and Abshire, R.L.: "Quantitative Ocular Bacteriology: A Method for the Enumeration and Identification of Bacteria from the Skin Lash Margin and Conjunctiva." Investigative Ophthalmology and Visual Science 20:751-758 (June) 1981. **2.** Data on file, Alcon Laboratories, Inc. **3.** Smith, J.P.: Data on File, Alcon Laboratories, Inc. **4.** Cagle, G. et al.: "Topical Tobramycin and Gentamicin Sulfate in the Treatment of Ocular Infections: Multicenter Study." Current Eye Research 1:523-534, 1982.

When real tears don't come easily.

When natural (human!) tears are lacking, Liquifilm Tears closely resemble the human tear, having the same viscosity range and surface tension[1], and maintain the stability of the lipid film[2], impeding aqueous evaporation.

Liquifilm Tears are therefore comfortable to the patient without being sticky or blurring vision[3], spreading evenly over the cornea to provide complete wetting[1].

(polyvinyl alcohol)

ALLERGAN

Allergan Limited,
Turnpike Road, Cressex
Industrial Estate,
High Wycombe,
BUCKS HP12 3NR.

The next best thing

Presentation: clear, colourless to slightly straw coloured sterile, aqueous ophthalmic solution, containing polyvinyl alcohol 1.4%. *Uses:* for dry eyes, especially where natural mucus is absent, or deficient, also an ocular lubricant. *Dosage and administration:* 1 drop in the eye as needed, or as directed. Contra-indications, warnings etc: not for use with soft contact lenses. If irritation increases or persists, discontinue use. *Pharmaceutical precautions:* nil. *Legal category:* P. *Packaging quantities:* Liquifilm Tears is available in plastic dropper bottles containing 15ml. *Further information:* nil. Basic NHS cost (as at March 1982) £1.21. PL 0426/0009. Further information is available on request. *Refs:* 1. Flynn F, *Med J Australia* (1967) **1,2,** 33-41. 2. Holly, F. J., *Contact and Intraocular Lens Medical Journal* (1978) **4,3,** 52-65. 3. Krishna N, Brow F, *Am J Ophth* (1964) **57:** 99-106.

LTI

NEW PRODUCT

New from Smith & Nephew Pharmaceuticals Ltd

Sno®strips

Specially designed sterile tear test strips individually packed

Further details and samples from:-

SMITH & NEPHEW
Pharmaceuticals Ltd
Bampton Road, Harold Hill, Romford, RM3 8SL
Tel: Ingrebourne (04023) 49333

• MAXITROL •

(For Post-Operative Use)

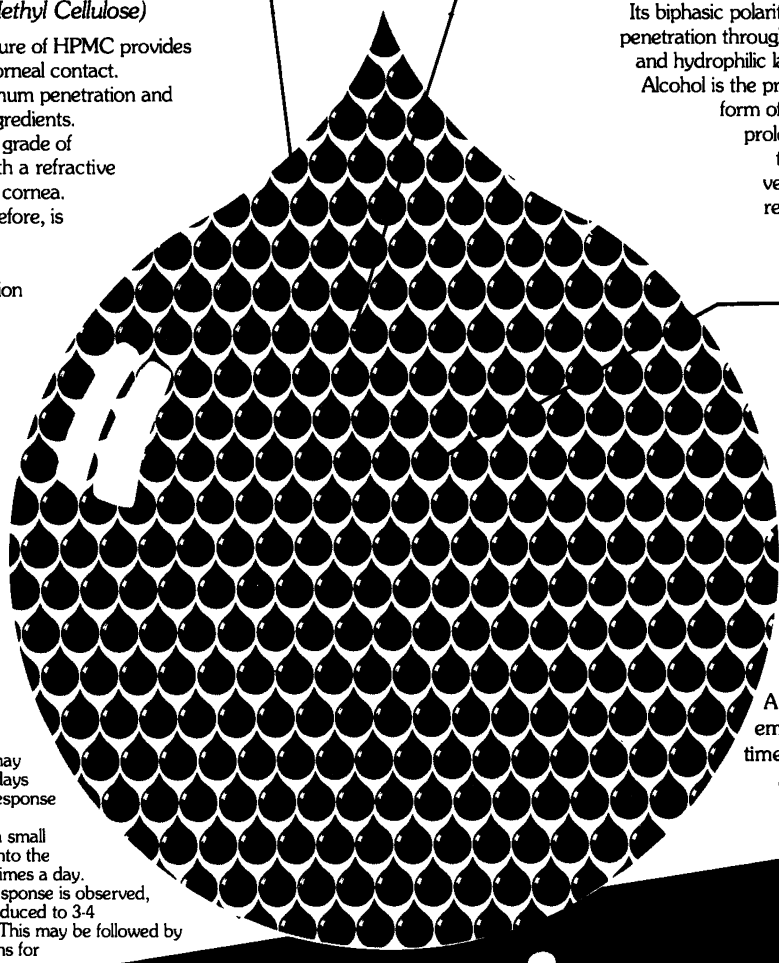
ISOPTO VEHICLE

(Hydroxpropyl Methyl Cellulose)

The polymer structure of HPMC provides 6 to 7 minutes of corneal contact. This ensures maximum penetration and efficacy of active ingredients. HPMC is the finest grade of methylcellulose, with a refractive index similar to the cornea. Normal vision, therefore, is not interfered with. Alcon's Isopto base lowers surface tension and has a soothing and emollient effect.

Dexamethasone Alcohol

Its biphasic polarity ensures superior penetration through both the lipophilic and hydrophilic layers of the cornea. Alcohol is the proven most effective form of the steroid, and its prolonged presence on the cornea provides very effective, speedy relief of inflammation.



Polymyxin B & Neomycin Combination

The synergistic action of this combination ensures effective prevention of post-operative infection across a broad spectrum.

Dosage and Administration

DROPS: One or two drops to be instilled into the conjunctival sac, 4-6 times daily. Dosage may be reduced after 3-4 days when a satisfactory response has been obtained.
OINTMENT: Apply a small amount of ointment into the conjunctival sac, 3-6 times a day. When a favourable response is observed, the dosage may be reduced to 3-4 applications per day. This may be followed by once a day applications for several more days.

Drop-Tainer Bottle

A self-contained unit emitting one drop at a time. Maintains sterility and elimates risk of contamination

Drop in after work.

Alcon Laboratories (UK) Ltd.,
Imperial Way, Watford, Herts WD2 4RY Telephone: (0923) 46133

Alcon
Dedicated to Excellence.

Presentation Drops: Dexamethasone BP 0.1% Polymyxin B Sulphate USP 6,000 units /ml and Neomycin Sulphate equivalent to Neomycin 3.5 mg/ml in a vehicle containing 0.5% hydroxypropyl methycellulose (hypromellose). A sterile, isotonic, ophthalmic suspension. Ointment: Dexamethasone BP 0.1% Polymyxin B Sulphate USP 6,000 units/g and Neomycin Sulphate equivalent to Neomycin 3.5mg/g in an ointment base. **Clinical uses** Management of infectious ocular inflammations produced by organisms which are sensitive to Neomycin Sulphate and Polymyxin B Sulphate. Acute- or chronic non-purulent conjunctivitis, blephero-conjunctivitis, kerato-conjunctivitis, non-specific, superficial keratitis, deep keratitis, and acne rosacea keratitis, herpes zoster ophthalmicus, iridocyclitis, mild acute iritis, recurrent marginal ulceration, corneal ulcer, non-purulent blepharitis, scleritis, episcleritis and sclero-conjunctivitis. Post-operatively to prevent ocular infection. **Contra-indications** This drug is contra-indicated in tuberculous, fungal and most viral lesions of the eye (herpes simplex/dendritic keratitis); vaccinia; varicella; acute purulent conjunctivitis and acute purulent blepharitis; and in those persons who have shown hypersensitivity to any of its components. **Warnings** Extended use of topical therapy may cause increased intraocular pressure in certain individuals. It is advisable that intraocular pressure be checked frequently. In those diseases causing thinning of the co-nea, perforation has been known to occur with the use of topical steroids. Prolonged use may result in overgrowth of non-susceptible organisms including fungi. If the condition does not respond within a reasonable period other forms of therapy should be instituted. Appropriate measures should be taken when this occurs. A few individuals may be sensitive to one or , more components of this product. If any reactions indicating sensitivity are observed discontinue use. Extended use of topical steroids is a possible factor in the formation of subcapsular cataracts. **Pregnancy, Nursing** Although topical steroids have not been reported to have an adverse effect on pregnancy, the safety of their use in pregnancy has not been absolutely established, therefore it is advisable not to use this product for long term treatment of pregnant patients. **Pharmaceutical Precautions** Maxitrol eye-drops and eye-ointment should be stored in a cool place away from direct sunlight. Keep the container tightly closed. Contents should be discarded one month after opening. Drops should be well Mixed before use. **Legal Category** POM P.1. T.S.A. **Package Quantity** Drops: 5 ml. container; Ointment: 3.5 g **Further Information** Drops: Maxitrol eye-drops are contained in an unbreakable semi-rigid, plastic dropper bottle with screw-on cap, containing 5 ml. of the preperation. This container bears the label and is itself in a rigid capped plastic outer. Ointment: Maxitrol eye-ointment is contained in a tube with a screw-on cap. This tube bears the label and is itself in a rigid capped plastic outer. **Product License No.** 0649/5915 Maxitrol Eye-Drops. 0649/5916 Maxitrol Eye-Ointment. **Product License Holder** Alcon Laboratories (U.K.) Limited, Imperial Way, Watford Hertfordshire. **Date of Last Review** May 1978.

Published by British Medical Association, Tavistock Square, London WC1H 9JR.
Typesetting by Bedford Typesetters Ltd., Bedford, England. Printed by Paramount Printing Co. Ltd., Hong Kong